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Atlanta, Georgia 30303-1763
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Facsimile: 404/572-5100
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FAX TRANSMITTAL SHEET March 11, 2005

TO: Examiner E. Kiss
GAU 2122
U.S. Serial No. 09/642,625

Company: U.S. Patent and Trademark Office

Fax #: 703-872-9306

City/State: Alexandria, VA 22313

Mail Stop ISSUE FEE

FROM: Steven P. Wigmore 5551 Our Ref. #: 05456.105041

NUMBER OF PAGES (including transmittal sheet): 30 *MM*

CONFIDENTIALITY NOTICE

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If transmission problems occur or you are not the intended recipient, please call 404.572.2459 immediately. Thank you.

Notes/Comments:

Documents Submitted Via Facsimile:

Applicant: Peter A.J. Van Der Made

Serial No.: 09/642,625

Filed: August 18, 2000

For: Computer Immune System and Method for Detecting Unwanted Code in a Computer System

Papers Submitted: Request for Initialed Copies of the PTO-1449 Forms [2-pgs.]; IDS's filed on (February 7, 2003 [4-pgs.]; April 3, 2002 [4-pgs.]; March 22, 2002 [4-pgs.]; July 26, 2001 [4-pgs.]; June 27, 2001 [3-pgs.]; and August 18, 2000 [2-pgs.]; post card receipts [6-pgs.]

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MAR 11 2005

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Peter A. J. Van Der Made) Art Unit: 2122
Serial No. 09/642,625) Confirmation No. 8243
Filed: August 18, 2000) Examiner: Kiss, E.
For: Computer Immune System and Method)
for Detecting Unwanted Code in a)
Computer System)

**REQUEST FOR INITIALED COPIES OF THE PTO-1449 FORMS
FILED WITH THE INFORMATION DISCLOSURE STATEMENTS**

Commissioner for Patents
Mail Stop Box Issue Fee
Alexandria, VA 22313-1450

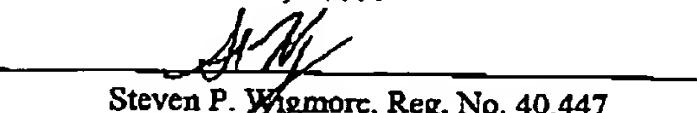
March 11, 2005

Sir:

The Applicant respectfully requests the Examiner to consider and initial the attached PTO-1449 forms that were previously filed with six Information Disclosure Statements (IDS's) prior to the Notice of Allowance of February 28, 2005. The Applicant has not received copies of these PTO-1449 forms that bear the Examiner's initials.

For the Examiner's convenience, attached hereto are copies of the IDS's with the PTO-1449 forms that were not properly initialed by the Examiner. These documents were filed on the following dates: February 7, 2003, PTO-1449 (3-pgs.); April 3, 2002, PTO-1449 (1-pg); March 22, 2002, PTO-1449 (1-pg.); July 26, 2001, PTO-1449 (1-pg.); June 27, 2001, PTO-1449 (1-pg.); and August 18, 2000, PTO-1449 (1-pg.). The Applicant has also provided post card receipts for each submission that evidences the receipt of these documents in the U.S. Patent and Trademark Office.

I hereby certify that this correspondence is being facsimile transmitted to: Commissioner for Patents, Mail Stop Issue Fee, P. O. Box 1450, Alexandria, VA 22313-1450, GAU 2122, Attn: Examiner E. Kiss, Facsimile No. (703) 872-9306 on March 11, 2005.

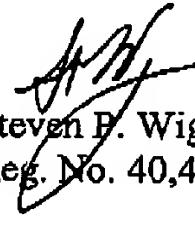

Steven P. Wigmore, Reg. No. 40,447

Serial No. 09/642,625

Consideration and return of the initialed copies of the attached PTO-1449 forms are respectfully requested. The Examiner is requested to return the initialed copies of the attached PTO-1449 forms via facsimile to the undersigned. The undersigned facsimile number is 404-572-5145.

If any other issues remaining in this application may be resolved by a telephone conference, the Examiner is invited to contact the undersigned at the following number in the Atlanta Metropolitan Area: 404-572-2884.

Respectfully submitted,



Steven E. Wigmore
Reg. No. 40,447

King & Spalding LLP
191 Peachtree Street
Atlanta, Georgia 30303
404.572.4600
K&S Docket: 05456.105041

COPY

The U.S.P.T.O. official mailroom stamp affixed hereto acknowledges receipt of the items listed below.

Applicant Peter A.J. van der Made
Serial No. 09/642,625
Title Computer Immune System and Method for Detecting Unwanted Code in a Computer System
Papers Submitted: Information Disclosure Statement (1 pg.); PTO-1449 form (3 pgs.); copies of thirty-one (31) cited references; Return Postcard
Attorney WSP/llo
Date Mailed February 7, 2003 N3P
Docket 05456.105041



COPY

VBK 2/12/03

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Peter A.J. van der Made

Serial No.: 09/642,625

Filed: August 18, 2000

For: Computer Immune System and Method
for Detecting Unwanted Code in a
Computer System

COPY

Art Unit: 2122

INFORMATION DISCLOSURE STATEMENT

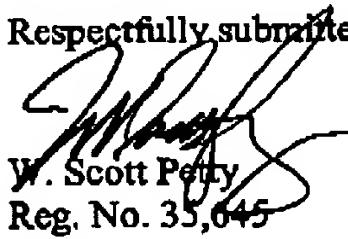
Commissioner of Patents
Washington, DC 20231

Sir:

The citation of information on the attached Form PTO-1449, "List of Art Cited by Applicant" is made pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98. A copy of each cited item is enclosed.

The citation of this information does not constitute an admission of priority or that any cited item is available as a reference, or a waiver of any right the applicant may have under applicable statutes, Rules of Practice in patent cases, or otherwise.

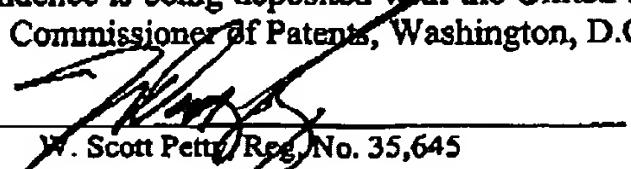
Respectfully submitted,


W. Scott Petty
Reg. No. 35,645

King & Spalding LLP
45th Floor, 191 Peachtree Street, N.E.
Atlanta, GA 30303
404.572.4600
K&S Docket: 05456.105041

COPY

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents, Washington, D.C. 20231, on February 7, 2003.


W. Scott Petty Reg. No. 35,645

COPY

Sheet 1 of 3

FORM PTO-1449, Adapted

LIST OF INFORMATION DISCLOSED BY APPLICANT
(Use several sheets if necessary)

ATTY. DOCKET NO. 05456.105041		SERIAL NO. 09/642,625	FILING DATE August 18, 2000					
APPLICANT Peter A.J. van der Made		GROUP 2122						
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	AA	5,590,331	12/31/96	Lewis et al.				
	AB	6,021,510	02/01/00	Nachenberg				
	AC	6,003,132	12/14/99	Mann				
	AD	5,999,723	12/07/99	Nachenberg				
	AE	5,964,889	10/12/99	Nachenberg				
	AF	5,765,030	06/09/98	Nachenberg et al.				
	AG	5,826,013	10/20/98	Nachenberg				
	AH	6,199,181	03/06/01	Rechef et al.				
	AI	5,121,345	06/09/92	Lentz				
	AJ	5,623,600	04/22/97	Ji et al.				
	AK	5,649,095	07/15/97	Cozza				
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION YES NO		
	AL	0 636 977 A2	02/01/95	Europe	David Alan Chambers			
	AM							
	AN							
	AO							
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)								
	AP	"Microsoft P-Code Technology," http://msdn.microsoft.com/archive/default.asp?url=/archive/cn-us/dnarvc/html/msdn_c7pcode2.asp , pp. 1-6, April 1992.						
	AR	'DJGPP COFF Spec,' http://dclorie.com/djgpp/doc/coff/ , pp. 1-15, October 1996						
	AS	Nativig, Kurt, "Sandbox Technology Inside AV Scanners," Virus Bulletin Conference, September 2001, pp. 475-488.						
	AT	"Norman introduces a new technique for eliminating new computer viruses," found on Norman's website, file:///C:/Documents%20and%20Settings%20Local%20Settings%20Temporary%20Internet%20Files%20OLK , pp. 1-2, published October 25, 2001, printed from website December 27, 2002.						

EXAMINER DATE CONSIDERED

PAGE 6/30 * RCVD AT 3/11/2005 3:55:11 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-1/11 * DNIS:8729306 * CSID:404 572 5145 * DURATION (mm:ss):07:34 and not

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Sheet 2 of 3

FORM PTO-1449, Adapted

LIST OF INFORMATION DISCLOSED BY APPLICANT
(Use several sheets if necessary)

ATTY. DOCKET NO.		SERIAL NO.	FILING DATE					
05456.105041		09/642,625	August 18, 2000					
APPLICANT		GROUP						
Peter A.J. van der Made		2122						
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA	5,978,917	11/02/99	Chi				
	BB	5,983,348	11/09/99	Ji				
	BC	6,029,256	02/22/00	Kouznetsov				
	BD	6,081,894	06/27/00	Mann				
	BE	6,094,731	07/25/00	Waldin et al.				
	BF	6,108,799	08/22/00	Boulay et al.				
	BG	6,119,165	09/12/00	Li et al.				
	BH	6,122,738	09/19/00	Millard				
	BI	6,272,641	08/07/01	Ji				
	BJ	6,324,627	11/27/01	Kricheff et al.				
	BK	6,338,141	01/08/02	Wells				
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	NAME		TRANSLATION YES NO.	
	BL							
	BM							
	BN							
	BO							
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)								
BP		Lee et al., "A Generic Virus Detection Agent on the Internet," System Sciences, 1997, Proceedings of the Thirtieth Hawaii International Conference on Wailea, HI, January 7-10, 1997, pp. 210-219, #XP010271868.						
BR		International Search Report for PCT/US01/19142, international filing date June 14, 2001, mailing date January 17, 2003.						
BS								
BT								
EXAMINER DATE CONSIDERED								

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Sheet 3 of 3

FORM PTO-1449, Adopted

LIST OF INFORMATION DISCLOSED BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO. 05456.10504	SERIAL NO. 09/642,625	FILING DATE August 18, 2000	COPY
APPLICANT Peter A.J. van der Made		GROUP 2122	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CA	6,397,242	05/28/02	Devine et al.			
	CB	4,975,950	12/04/90	Lentz			
	CC						
	CD						
	CE						
	CF						
	CG						
	CH						
	CI						
	CJ						
	CK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION YES NO
	CL					
	CM				COPY	
	CN					
	CO					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

CP		
CR		
CS		
CT		

EXAMINER DATE CONSIDERED

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S.N. 09/642,625 File No. 81924,000 Date Mailed 4-3-02 By: *Wthln*
Title *Computer Immune System and Method for Detecting*

(Client Name) *VCIS, Inc.* in the U.S. Patent and Trademark office was received in the Patent
The Following due _____ in the U.S. Patent and Trademark office was received in the Patent
& Trademark Office on the date stamped hereon:

- Amendment
- Preliminary Amendment
- PCT Application Including
- Pages Spec. _____ Page Abstract _____ Claims
- Application for Patent Including
- Pages Spec. _____ Page Abstract _____ Claims
- Declaration, Affidavit of Oath (_____ Page(s))
- Assign. Ck No. _____ for \$ _____
- Verified Statement
- Letter of Transmittal
- Amendment Under 37 C.F.R.1.312 (a)
- Check No. _____ for \$ _____
- Check No. _____ for \$ _____
- Check No. _____ for \$ _____

Drawing: # of Sheets _____
 Formal Informal
 Issue Fee Transmittal
 Letter Re _____
 Notice of Appeal _____
 Petition for _____ APR 1 2 2002
 Advance soft copy order
 Ck. No. _____ for \$ _____
 IDS: 4 References
 Certified Copy# of docs
 Priority _____

APR 18 2002 Form PTO-1449

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81924.0001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Peter A.J. van der Made

Serial No: 09/642,625

Filed: August 18, 2000

For: COMPUTER IMMUNE SYSTEM
AND METHOD FOR DETECTING
UNWANTED CODE IN A
COMPUTER SYSTEM

Art Unit: 2122

Examiner: Not Assigned

I hereby certify that this correspondence
is being deposited with the United States
Postal Service with sufficient postage as
first class mail in an envelope addressed
to:

Commissioner for Patents
Washington D.C. 20231, on
April 3, 2002

Date of Deposit
William J. Wright, Reg. No. 36,312

Name
Signature

4/3/02
Date

TRANSMITTAL OF INFORMATION
DISCLOSURE STATEMENTCommissioner for Patents
Washington, D.C. 20231

Dear Sirs:

- The information disclosure statement submitted herewith is being filed within three months of the filing date of the application other than a continued prosecution application, or within three months of the date of entry into the national stage of an international application, or before the mailing date of a first Office Action on the merits, or before the mailing of a first Office action after the filing of a request for continued examination under §1.114, whichever event occurs last. 37 C.F.R. §1.97(b).
- The information disclosure statement transmitted herewith is being filed *after* the period specified in §1.97(b), but *before* the mailing date of a final action under §1.113, or a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application, whichever occurs first. A statement specified in §1.97(e) or a fee set forth in §1.17(p) is included. 37 C.F.R. §1.97(c).

§1.97(e) STATEMENT

I, the person signing below, state:

that each item of information contained in the information disclosure statement was first cited in the attached communication from a foreign patent office in a counterpart foreign application and that the communication is dated not more than three months prior to the filing of the statement. 37 C.F.R. §1.97(e)(1).

OR

that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the

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81924.0001

information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the statement. 37 C.F.R. §1.97(e)(2).

OR FEE

Attached is a fee set forth in 37 C.F.R. §1.17(p) for submission of an information disclosure statement under §1.97(c). (\$180.00). [OR:] Please charge the fee set forth in 37 C.F.R. §1.17(p) for submission of an information disclosure statement under §1.97(c) (\$180.00) to Deposit Account No. 50-1814. A copy of this petition is enclosed.

3. The information disclosure statement transmitted herewith is being filed *after* the period specified in §1.97(c), but before, or simultaneously with the payment of the issue fee. A statement specified in §1.97(e) and a fee set forth in §1.17(p) are included. 37 C.F.R. §1.97(d).

§1.97(e) STATEMENT

I, the person signing below, state:

that each item of information contained in the information disclosure statement was first cited in the attached communication from a foreign patent office in a counterpart foreign application and that the communication is dated not more than three months prior to the filing of the statement. 37 C.F.R. §1.97(e)(1).

OR

that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the statement. 37 C.F.R. §1.97(e)(2).

AND FEE

Attached is a fee set forth in 37 C.F.R. §1.17(p) for submission of an information disclosure statement under §1.97(d). (\$180.00).

4. If it should be determined that for any reason either an insufficient fee or an excessive has been paid, please charge any insufficiency or credit any overpayment necessary to ensure consideration of the information disclosure statement for the above-identified application to Deposit Account No. 50-1814. A copy of this petition is enclosed.

5. A list of 4 reference(s) is in the enclosed Form PTO-1449.

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81924.0001

NON-ENGLISH LANGUAGE REFERENCES

- Enclosed is a search report for a counterpart application. The search report Examiner has provided comments on the relevancy of any non-English language references cited in the search report.
- The specification incorporates comments on the relevancy of Non-English language references.
- Set forth below are comments provided by the applicant's home country counsel on the relevancy of non-English language references:

Respectfully submitted,
HOGAN & HARTSON L.L.P.

By:


William H. Wright
Registration No. 36,312
Attorney for Applicant(s)

Date: April 3, 2002

Biltmore Tower
500 South Grand Avenue, Suite 1900
Los Angeles, CA 90071
Telephone: (213) 337-6700
Facsimile: (213) 337-6701

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FORM PTO-1449	Docket Number (Optional) 81924.0001	Application Number 09/642,625
INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Applicant Peter A.J. van der Made	
(Use several sheets if necessary)	Filing Date August 18, 2000	Group Art Unit 2122

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	International Search Report for PCT/US01/26804	03-06-02	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Andrew P. Kosoresow, et al., "Intrusion Detection Via System Call Traces," IEEE Software, pp. 35-42, September/October 1997.

COPY

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S.N. <u>09/692,625</u>	File No. <u>87924.001</u>	Date Mailed <u>3-22-02</u>	By <u>10th</u>
Title <u>Computer Immune System and Method for Detecting</u>			
(Client Name) <u>VCES, Inc.</u>			
The Following due <u>07/05</u> in the U.S. Patent and Trademark office was received in the Patent & Trademark Office on the date stamped below:			
<input type="checkbox"/> Amendment	Drawing: # of Sheets _____		
<input type="checkbox"/> Preliminary Amendment	<input type="checkbox"/> Formal <input type="checkbox"/> Informal		
<input type="checkbox"/> PCT Application Including	RECEIVED		
<input type="checkbox"/> Pages Spec. _____ Page Abstract _____ Claims _____	<u>APR 08 2002</u>		
<input type="checkbox"/> Application for Patent Including	DOCKETING		
<input type="checkbox"/> Pages Spec. _____ Page Abstract _____ Claims _____	<u>Form PRO-1449</u>		
<input type="checkbox"/> Declaration, Affidavit of Oath (_____ Page(s))	<hr/> <hr/> <hr/> <hr/>		
<input type="checkbox"/> Assign. Ck No. _____ for \$ _____	<hr/> <hr/> <hr/> <hr/>		
<input type="checkbox"/> Verified Statement	<hr/> <hr/> <hr/> <hr/>		
<input type="checkbox"/> Letter of Transmittal	<hr/> <hr/> <hr/> <hr/>		
<input type="checkbox"/> Amendment Under 37 C.F.R.1.312 (a)	<hr/> <hr/> <hr/> <hr/>		
<input type="checkbox"/> Check No. _____ for \$ _____	<hr/> <hr/> <hr/> <hr/>		
<input type="checkbox"/> Check No. _____ for \$ _____	<hr/> <hr/> <hr/> <hr/>		
<input type="checkbox"/> Check No. _____ for \$ _____	<hr/> <hr/> <hr/> <hr/>		

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81924.0001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Peter A.J. van der Made

Serial No: 09/642,625

Filed: August 18, 2000

**For: COMPUTER IMMUNE SYSTEM
AND METHOD FOR DETECTING
UNWANTED CODE IN A
COMPUTER SYSTEM**

Art Unit: 2122

Examiner: Not Assigned

I hereby certify that this correspondence
is being deposited with the United States
Postal Service with sufficient postage as
first class mail in an envelope addressed
to:

Commissioner for Patents
Washington D.C. 20231, on

March 22, 2002

Date of Deposit

William H. Wright Reg. No. 36,312

Name

3/22/02

Signature

Date

**TRANSMITTAL OF INFORMATION
DISCLOSURE STATEMENT**

Commissioner for Patents
Washington, D.C. 20231

Dear Sirs:

- The information disclosure statement submitted herewith is being filed within three months of the filing date of the application other than a continued prosecution application, or within three months of the date of entry into the national stage of an international application, or before the mailing date of a first Office Action on the merits, or before the mailing of a first Office action after the filing of a request for continued examination under §1.114, whichever event occurs last. 37 C.F.R. §1.97(b).
- The information disclosure statement transmitted herewith is being filed *after* the period specified in §1.97(b), but *before* the mailing date of a final action under §1.113, or a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application, whichever occurs first. A statement specified in §1.97(e) or a fee set forth in §1.17(p) is included. 37 C.F.R. §1.97(c).

§1.97(e) STATEMENT

I, the person signing below, state:

that each item of information contained in the information disclosure statement was first cited in the attached communication from a foreign patent office in a counterpart foreign application and that the communication is dated not more than three months prior to the filing of the statement. 37 C.F.R. §1.97(e)(1).

OR

that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the

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81924.0001

information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the statement. 37 C.F.R. §1.97(e)(2).

OR FEE

Attached is a fee set forth in 37 C.F.R. §1.17(p) for submission of an information disclosure statement under §1.97(c). (\$180.00). [OR:] Please charge the fee set forth in 37 C.F.R. §1.17(p) for submission of an information disclosure statement under §1.97(c) (\$180.00) to Deposit Account No. 50-1314. A copy of this petition is enclosed.

3. The information disclosure statement transmitted herewith is being filed *after* the period specified in §1.97(c), but before, or simultaneously with the payment of the issue fee. A statement specified in §1.97(e) and a fee set forth in §1.17(p) are included. 37 C.F.R. §1.97(d).

§1.97(e) STATEMENT

I, the person signing below, state:

that each item of information contained in the information disclosure statement was first cited in the attached communication from a foreign patent office in a counterpart foreign application and that the communication is dated not more than three months prior to the filing of the statement. 37 C.F.R. §1.97(e)(1).

OR

that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the statement. 37 C.F.R. §1.97(e)(2).

AND FEE

Attached is a fee set forth in 37 C.F.R. §1.17(p) for submission of an information disclosure statement under §1.97(d). (\$180.00).

4. If it should be determined that for any reason either an insufficient fee or an excessive has been paid, please charge any insufficiency or credit any overpayment necessary to ensure consideration of the information disclosure statement for the above-identified application to Deposit Account No. 50-1314. A copy of this petition is enclosed.

5. A list of 4 reference(s) is in the enclosed Form PTO-1449.

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PATENT
81924.0001

NON-ENGLISH LANGUAGE REFERENCES

- Enclosed is a search report for a counterpart application. The search report Examiner has provided comments on the relevancy of any non-English language references cited in the search report.
- The specification incorporates comments on the relevancy of Non-English language references.
- Set forth below are comments provided by the applicant's home country counsel on the relevancy of non-English language references:

Respectfully submitted,
HOGAN & HARTSON L.L.P.

By: 

William H. Wright
Registration No. 36,312
Attorney for Applicant(s)

Date: March 22, 2002

Biltmore Tower
500 South Grand Avenue, Suite 1900
Los Angeles, CA 90071
Telephone: (213) 337-6700
Facsimile: (213) 337-6701

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PRINTING COPIES

• FORM PTO-1449	Docket Number (Optional) 81924.0001	Application Number 09/642,625
INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Applicant Peter A.J. van der Made	
<i>(Use several sheets if necessary)</i>	Filing Date August 18, 2000	Group Art Unit 2122

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

COPY

EXAMINER	DATE CONSIDERED
-----------------	------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

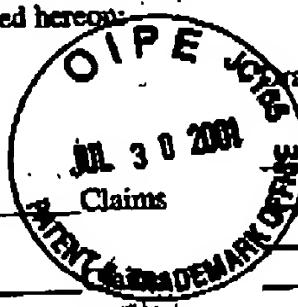
COPY

S.N. 09/647,625 File No. 81924,000 Date Mailed 7-24-01 By: WTH/82
Title Computer Imaging System and Method for Detecting

(Client Name) VCIS, Inc.

The Following due _____ in the U.S. Patent and Trademark office was received in the Patent
& Trademark Office on the date stamped hereon:

Amendment Drawing: # of Sheets _____
 Preliminary Amendment Formal _____ Informal _____
 PCT Application Including Issue Fee Transmittal _____
 Pages Spec. _____ Page Abstract Claims _____
 Application for Patent Including Letter Re _____
 Pages Spec. _____ Page Abstract Notice of Appeal _____
 Declaration, Affidavit of Oath (Page(s)) Petition for _____
 Assign. Ck No. _____ for \$ _____
 Verified Statement Advance soft copy order _____
 Letter of Transmittal Ck. No. _____ For \$ _____
 Amendment Under 37 C.F.R.1.312 (a) X IDS: References _____
 Check No. _____ for \$ _____ Certified Copy# of docs _____
 Check No. _____ for \$ _____ Priority _____
 Check No. _____ for \$ _____ X Form PRO-1449 _____



COPY

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PATENT
81924.0001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Peter A.J. van der Made

Serial No: 09/642,625

Filed: August 18, 2000

For: COMPUTER IMMUNE SYSTEM AND
METHOD FOR DETECTING UNWANTED
CODE IN A COMPUTER SYSTEM

Art Unit: 2122

Examiner: Not Assigned

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:	
Commissioner for Patents	
Washington D.C. 20231 on	
July 26, 2001	Date of Deposit
William H. Wright, Reg. No. 36,312	
Name	Signature
7/26/01	
Date	

**TRANSMITTAL OF SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents
Washington, D.C. 20231

Dear Sirs:

1. The information disclosure statement submitted herewith is being filed within three months of the filing date of the application other than a continued prosecution application, or within three months of the date of entry into the national stage of an international application, or before the mailing date of a first Office Action on the merits, or before the mailing of a first Office action after the filing of a request for continued examination under §1.114, whichever event occurs last. 37 C.F.R. §1.97(b).
2. The information disclosure statement transmitted herewith is being filed after the period specified in §1.97(b), but before the mailing date of a final action under §1.113, or a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application, whichever occurs first. A statement specified in §1.97(e) or a fee set forth in §1.17(p) is included. 37 C.F.R. §1.97(c).

§1.97(e) STATEMENT

I, the person signing below, state:

that each item of information contained in the information disclosure statement was first cited in the attached communication from a foreign patent office in a counterpart foreign application and that the communication is dated not more than three months prior to the filing of the statement. 37 C.F.R. §1.97(e)(1).

OR

that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart

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PATENT
81924.0001

foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the statement. 37 C.F.R. §1.97(e)(2).

OR FEE

Attached is a fee set forth in 37 C.F.R. §1.17(p) for submission of an information disclosure statement under §1.97(c). (\$180.00).

3. The information disclosure statement transmitted herewith is being filed *after* the period specified in §1.97(c), but before, or simultaneously with the payment of the issue fee. A statement specified in §1.97(e) and a fee set forth in §1.17(p) are included. 37 C.F.R. §1.97(d).

§1.97(e) STATEMENT

I, the person signing below, state:

that each item of information contained in the information disclosure statement was first cited in the attached communication from a foreign patent office in a counterpart foreign application and that the communication is dated not more than three months prior to the filing of the statement. 37 C.F.R. §1.97(e)(1).

OR

that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the statement. 37 C.F.R. §1.97(e)(2).

AND FEE

Attached is a fee set forth in 37 C.F.R. §1.17(p) for submission of an information disclosure statement under §1.97(d). (\$180.00).

4. If it should be determined that for any reason either an insufficient fee or an excessive has been paid, please charge any insufficiency or credit any overpayment necessary to ensure consideration of the information disclosure statement for the above-identified application to Deposit Account No. 50-1314. A copy of this petition is enclosed.

5. A list of 1 reference(s) is in the enclosed Form PTO-1449.

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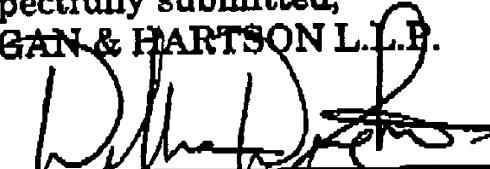
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PATENT
81924.0001

NON-ENGLISH LANGUAGE REFERENCES

- Enclosed is a search report for a counterpart application. The search report Examiner has provided comments on the relevancy of any non-English language references cited in the search report.
- The specification incorporates comments on the relevancy of Non-English language references.
- Set forth below are comments provided by the applicant's home country counsel on the relevancy of non-English language references:

Respectfully submitted,
HOGAN & HARTSON L.L.P.

By: 
William H. Wright
Registration No. 86,312
Attorney for Applicant(s)

Date: July 26, 2001

Biltmore Tower
500 South Grand Avenue, Suite 1900
Los Angeles, CA 90071
Telephone: (213) 337-6700
Facsimile: (213) 337-6701

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FORM PTO-1449	Docket Number (Optional) 81924.0001	Application Number 09/642,625
INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>	Applicant Peter A.J. van der Made	
	Filing Date August 18, 2000	Group Art Unit 2122

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Carey Stover Nachenberg, "A New Technique for Detecting Polymorphic Computer Viruses," A thesis submitted in partial satisfaction of the requirements for the degree Master of Science in Computer Science, University of California Los Angeles, pp. I-127, 1995.

COPY

EXAMINER	DATE CONSIDERED
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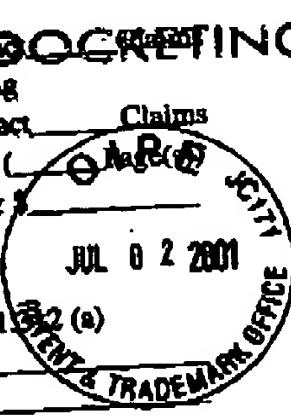
COPY

S.N. 09/642,625 File No. 81924000 Date Mailed 6-27-01 By: U274837
Title Computer Immune System and Method for
(Client Name) VCTIS, INC.
in the U.S. Patent and Trademark office was received in the Patent

The Following due

& Trademark Office on the date stamped **RECEIVED**

- Amendment
- Preliminary Amendment
- PCT Application Including
- Pages Spec. Page Abstract
- Application for Patent Including
- Pages Spec. Page Abstract
- Declaration, Affidavit of Oath
- Assign. Ck No. for
- Verified Statement
- Letter of Transmittal
- Amendment Under 37 C.F.R.1.12 (a)
- Check No. for \$
- Check No. for \$
- Check No. for \$



Drawing: # of Sheets _____

- Formal Informal
- Issue Fee Transmittal
- Letter Re _____
- Notice of Appeal
- Petition for _____
- Advance soft copy order
- Ck. No. _____ For \$ _____
- IDS References
- Certified Copy# of docs
- Priority _____
- FORM PTO-1449

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PATENT
81924.0001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Peter A.J. van der Made

Serial No.: 09/642,625

Filed: August 18, 2000

**For: COMPUTER IMMUNE SYSTEM AND
METHOD FOR DETECTING UNWANTED
CODE IN A COMPUTER SYSTEM**

Art Unit: 2122

Examiner: Not Assigned

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents Washington D.C. 20231, on

June 27, 2001

Date of Deposit

William H. Wright, Reg. No. 36,312

Name

6/27/01

Signature

Date

TRANSMITTAL OF INFORMATION
DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sirs:

1. The information disclosure statement submitted herewith is being filed within three months of the filing date of the application other than a continued prosecution application, or within three months of the date of entry into the national stage of an international application, or before the mailing date of a first Office Action on the merits, or before the mailing of a first Office action after the filing of a request for continued examination under §1.114, whichever event occurs last. 37 C.F.R. §1.97(b).
2. The information disclosure statement transmitted herewith is being filed after the period specified in §1.97(b), but before the mailing date of a final action under §1.113, or a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application, whichever occurs first. A statement specified in §1.97(e) or a fee set forth in §1.17(p) is included. 37 C.F.R. §1.97(c).

§1.97(e) STATEMENT

I, the person signing below, state:

that each item of information contained in the information disclosure statement was first cited in the attached communication from a foreign patent office in a counterpart foreign application and that the communication is dated not more than three months prior to the filing of the statement. 37 C.F.R. §1.97(e)(1).

OR

that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart

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PATENT
81924.0001

NON-ENGLISH LANGUAGE REFERENCES

- Enclosed is a search report for a counterpart application. The search report Examiner has provided comments on the relevancy of any non-English language references cited in the search report.
- The specification incorporates comments on the relevancy of Non-English language references.
- Set forth below are comments provided by the applicant's home country counsel on the relevancy of non-English language references:

Respectfully submitted,
HOGAN & HARTSON L.L.P.

By: 
William H. Wright
Registration No. 36,312
Attorney for Applicant(s)

Date: June 27, 2001

Biltmore Tower
500 South Grand Avenue, Suite 1900
Los Angeles, CA 90071
Telephone: (213) 387-6700
Facsimile: (213) 387-6701

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FORM PTO-1449	Docket Number (optional) 81924.0001	Application Number 09/642,625
INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>	Applicant Peter A.J. van der Made	
	Filing Date August 18, 2000	Group Art Unit 2122

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,400,769	08-23-83	Kaneda, et al.			
	5,440,723	08-08-95	Arnold, et al.			
	5,774,727	06-30-98	Walsh, et al.			
	5,872,978	02-16-99	Hoskins			
	6,092,194	07-18-00	Touboul			
	6,118,940	09-12-00	Alexander, III, et al.			
	6,154,844	11-28-00	Touboul, et al.			
	6,167,520	12-26-00	Touboul			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	WO 99/15966	04-01-99	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Frans Veldman, "Heuristic Anti-Virus Technology," Proceedings, 3 rd International Virus Bulletin Conference, pp. 67-76, September 1993.
Symantec, "Understanding Heuristics: Symantec's Bloodhound Technology, Symantec White Paper Series, Vol. XXXIV, pp. 1-14, September 1997.

COPY

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 809; Draw line through citation if not in conformance. Indicate on this form with next communication to the applicant.

COPY

S.N. Not Assigned File No. 81924-0001 Date Mailed 8/18/00 By: W/H/00
Title Computer Immune System And Method for Detecting...
(Client Name) WTS, Inc.

The Following due _____ in the U.S. Patent and Trademark office was received in the Patent & Trademark Office on the date stamped below: PTO

jc862
09/642625
 Amendment
 Preliminary Amendment
 PCT Application Including 08/18/00
 Pages Spec. _____ Page Abstract _____ Claims
 Application for Patent Including
24 Pages Spec. 1 Page Abstract 17 Claims
 Declaration, Affidavit of Oath (1 Page(s))
 Assign. Ck No. 10513 for \$ 40.00
 Verified Statement
 Letter of Transmittal (2)
 Amendment Under 37 C.F.R.1.312 (a)
 Check No. 10515 for \$ 345.00
 Check No. _____ for \$ _____
 Check No. _____ for \$ _____
 Express Mail Label No.: EJ194573541US

Drawing: # of Sheets 6
 Formal Informal
 Issue Fee Transmittal
 Letter Re _____
 Notice of Appeal
 Petition for _____
 Advance soft copy order
 Ck. No. _____ For \$ _____
 IDS⁵ References
 Certified Copy# of docs
 Priority
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 Form # PTO-1449

ENTERED AUG 29 2000 **INTC** **ADS**

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PATENT
81924.0001

Express Mail Label No.: EJ194573541US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Peter A.J. van der Made

Serial No: Not Assigned

Filed: Herewith

For: COMPUTER IMMUNE SYSTEM
AND METHOD FOR DETECTING
UNWANTED CODE IN A
COMPUTER SYSTEM

Art Unit: Not Assigned

Examiner: Not Assigned

**TRANSMITTAL OF INFORMATION DISCLOSURE
STATEMENT**

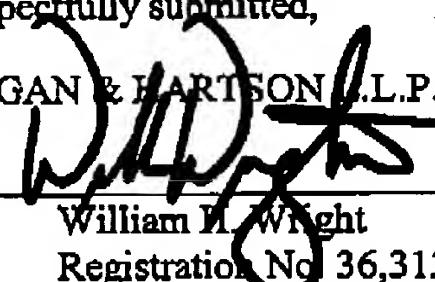
BOX PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

The information disclosure statement submitted herewith is being filed concurrently with the subject application [37 C.F.R. § 1.97(b)] and contains no items of information cited in any communication from a foreign patent office in a counterpart foreign application [37 C.F.R. § 1.97(e)(1)].

Respectfully submitted,

HOGAN & HARTSON, L.L.P.

By: 

William H. Wright

Registration No. 36,312

Attorney for Applicant(s)

Date: August 18, 2000

500 South Grand Avenue, Suite 1900
Los Angeles, California 90071
Telephone: 213-337-6700
Facsimile: 213-337-6701

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FORM PTO-1449		Docket Number (Optional) 81924.0001		Application Number Not Assigned	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		Applicant Peter A.J. van der Made			
(Use several sheets if necessary)		Filing Date Herewith		Group Art Unit Not Assigned	
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
	5,398,196	03-14-95	Chambers	364	580
	5,675,711	10-07-97	Kephart, et al.	395	22
	5,696,822	12-09-97	Nachenberg	380	4
	5,864,803	01-26-99	Nussbaum	704	232
	5,907,834	05-25-99	Kephart, et al.	706	20
FOREIGN PATENT DOCUMENTS					
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION (YES/NO)
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
COPY					
EXAMINER		DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.					

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